BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to roads and construction of RCC drains at Attur Village and surrounding areas in Ward No. 03

Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)								
	For Drain Desilt	Sqm							
	Attur Village								
	2nd cross		2	110.00	0.90		198.00		
	Near Temple		2	52.00	0.90		93.60		
							291.60		
	consider 50% for R & R						145.80		
							145.80	111.30	**16227.54**
	Basic Rate Rs.=	105.00							
	Add 6% A.W Rs. =	6.30							
	Total Rate Rs. =	**111.30**							
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)								
	For Drain Desilt	Cum							
	Attur Village								
	2nd cross		2	110.00	0.60	0.40	52.80		
	Near Temple		2	52.00	0.60	0.50	31.20		
	For RCC Drain								
	Attur Village								
	2nd main		2	77.00	1.10	1.05	177.87		
	3rd main		2	77.00	1.10	1.05	177.87		
	4th main		2	77.00	1.10	1.05	177.87		
	1st cross								
	2nd main		2	54.00	1.10	1.05	124.74		
	3rd main		2	54.00	1.10	1.05	124.74		
	2nd cross								
	2nd main		2	72.00	1.10	1.05	166.32		
	3rd main		2	72.00	1.10	1.05	166.32		
	4th main		2	72.00	1.10	1.05	166.32		
	For RCC Culvert		4	5.40	1.60	1.00	34.56		
							1400.61	215.28	**301523.32**
	Basic Rate Rs.=	130.00							
	Add 6% A.W Rs. =	7.80							
	Sub Total =	137.80							
	8Km Lead, Loading and Unloading =(2*1.28*8)+57	77.48							
	Total Rate Rs. =	**215.28**							

Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	For Drain	Cum							
	Attur Village								
	2nd main		2	77.00	1.10	0.15	25.41		
	3rd main		2	77.00	1.10	0.15	25.41		
	4th main		2	77.00	1.10	0.15	25.41		
	1st cross								
	2nd main		2	54.00	1.10	0.15	17.82		
	3rd main		2	54.00	1.10	0.15	17.82		
	2nd cross								
	2nd main		2	72.00	1.10	0.15	23.76		
	3rd main		2	72.00	1.10	0.15	23.76		
	4th main		2	72.00	1.10	0.15	23.76		
	For RCC Culvert		4	5.40	1.60	0.15	5.18		
							188.33	5421.90	**1021128.11**
	Basic Rate Rs.=	5115.00							
	Add 6% A.W Rs. =	306.90							
	Total Rate Rs. =	**5421.90**							
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
	For RCC Drain	Cum							
	Attur Village								
	Bottom slab								
	Attur Village								
	2nd main		2	77.00	0.90	0.15	20.79		
	3rd main		2	77.00	0.90	0.15	20.79		
	4th main		2	77.00	0 90	0.15	20.79		
	1st cross								
	2nd main		2	54.00	0.90	0.15	14.58		
	3rd main		2	54.00	0.90	0.15	14.58		
	2nd cross								
	2nd main		2	72.00	0.90	0.15	19.44		
	3rd main		2	72.00	0.90	0.15	19.44		
	4th main		2	72.00	0.90	0.15	19.44		
	side walls								
	Attur Village								
	2nd main		4	77.00	0.15	0.65	30.03		
	3rd main		4	77.00	0.15	0.65	30.03		
	4th main		4	77.00	0.15	0.65	30.03		
	1st cross								
	2nd main		4	54.00	0.15	0.65	21.06		
	3rd main		4	54.00	0.15	0.65	21.06		
	2nd cross								
	2nd main		4	72.00	0.15	0.65	28.08		
	3rd main		4						

Sl No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	4th main		4	72.00	0.15	0.65	28.08		
							366.30		
	For RCC Culvert								
	Raft								
	side walls		4	5.40	1.20	0.20	5.18		
			8	5.40	0.20	0.60	5.18		
	For Drain Coping						**10.37**		
	Attur Village	Cum							
	2nd cross								
	Near Temple		2	110.00	0.15	0.15	4.95		
			2	52.00	0.15	0.15	2.34		
					Net Qty.		**383.96**	7070.20	**2714659.85**
	Basic Rate Rs.=	6670.00							
	Add 6% A.W Rs. =	400.20							
	Total Rate Rs. =	**7070.20**							
5	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)								
	Considering steel For Drain @ 70 kg / cum	Tonne		366.30	0.070	--	25.64		
	Considering steel For Culvert @ 100 kg / cum			10.37	0.100	--	1.04		
							26.68	73992.24	**1973950.18**
	Basic Rate Rs.=	69804.00							
	Add 6% A.W Rs. =	4188.24							
	Total Rate Rs. =	**73992.24**							
6	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	For drain cover slab	Sqm							
	missing slabs								
	Attur Village						145.80		
	2nd main								
	3rd main		2	77.00	0.75	--	115.50		
	4th main		2	77.00	0.75	--	115.50		
	1st cross		2	77.00	0.75	--	115.50		
	2nd main								
	3rd main		2	54.00	0.75	--	81.00		
	2nd cross		2	54.00	0.75	--	81.00		
	2nd main								
	3rd main		2	72.00	0.75	--	108.00		
	4th main		2	72.00	0.75	--	108.00		
			2	72.00	0.75	--	108.00		
							978.30	2337.00	**2286287.10**
7	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	For Culvert Slabs	Sqm	4	5.40	1.20	--			

Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	Add GST @ 12%								1014505.28
	Add KRIDL @ 4%								338168.43
	PMC Charges including GST								93000.00
	.						Sub Total 2 Rs.		9899884.37
	Miscellaneous & Rounding off								115.63
								Total Rs.	9900000.00

CERTIFICATE:

1 The work spot has been inspected by me and the work is found to be necessary
2 The estimate is prepared as per PW, P&IWTD S.R Bangalore circle for the year 2018-2019.
3 The Provisions made in the estimate are quite necessary and adequate.
4 The area comes with in the BBMP limits.

Assistant Engineer
Ward 05
BBMP

Assistant Executive Engineer
Yelahanka Newtown Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

Administrative Sanction for Rs. 99.00 Lakhs
Ninety Nine Lakhs only
is accorded under head P-3727
Chief Minister Nava nagarothana
granted 2018-19
Registered as CE No ... Subject
to conditions contained
No. EE/YNK/AS/30/2019-20 dt 28/10/2019

Executive Engineer

Technical Sanction
Accorded For Rs 99.00 lakhs only
Head of A/C P 3727
CER NO :..118..... Dt:28.10.2019

TA CE (YNK)

Juice Corner

Davanagere
ದಾವಣಗೆರೆ

3rd Cross Rd

MakeMyTaxi-Best Taxi Service, One Way...

Hindusena Prathishtana Yoga Kendra

W E S

3rd Cross Rd

9th Main Attur Layout

nkateshwara vision Store
ಶ್ರೀ ವೆಂಕಟೇಶ್ವರ...

Axis Bank ATM
ಆಕ್ಸಿಸ್ ಬ್ಯಾಂಕ್...

L-77.00m

L-77.00m

SRI GANAPATHY TEMPLE

L-77.00m

The Lord's Assembly Church

2nd cross rd

sridevi Ice Crim

Maruthi Rabbit far

Attur Main Rd

Attur Layout

park sta

L-72.00m

L-72.00m

L-72.00m

1st cross rd

1st Cross Rd

Sri batte Vinayaka charitable trust

Vision Pg

axis bank

Nandishwara Store

Lalitha Silks & Sarees

Karnataka Chicken Centre
ಕರ್ನಾಟಕ ಚಿಕನ್ ಸೆಂಟರ್

2nd Main Rd

L-54.00m

3rd Main Rd

L-54.00m

RCC Drain

KEB Elect

RCC Culvert

B.L.® inkz

Sri Shani Mahathma Temple

Kolkata Famous Kati Roll

Yelahanka Rd

Yalahaka Rd

Hanuman Temple

BDA Park

ಕಾರ್ಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

CONSULTANT:-
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2nd STAGE BHARATH NAGAR
BANGALORE 560 091.
E-mail siliconcivilengineers@gmail.com

GALORE
PALIKE

Assitonte Engineer

Assistante Executive Engineer

Executive Engineer

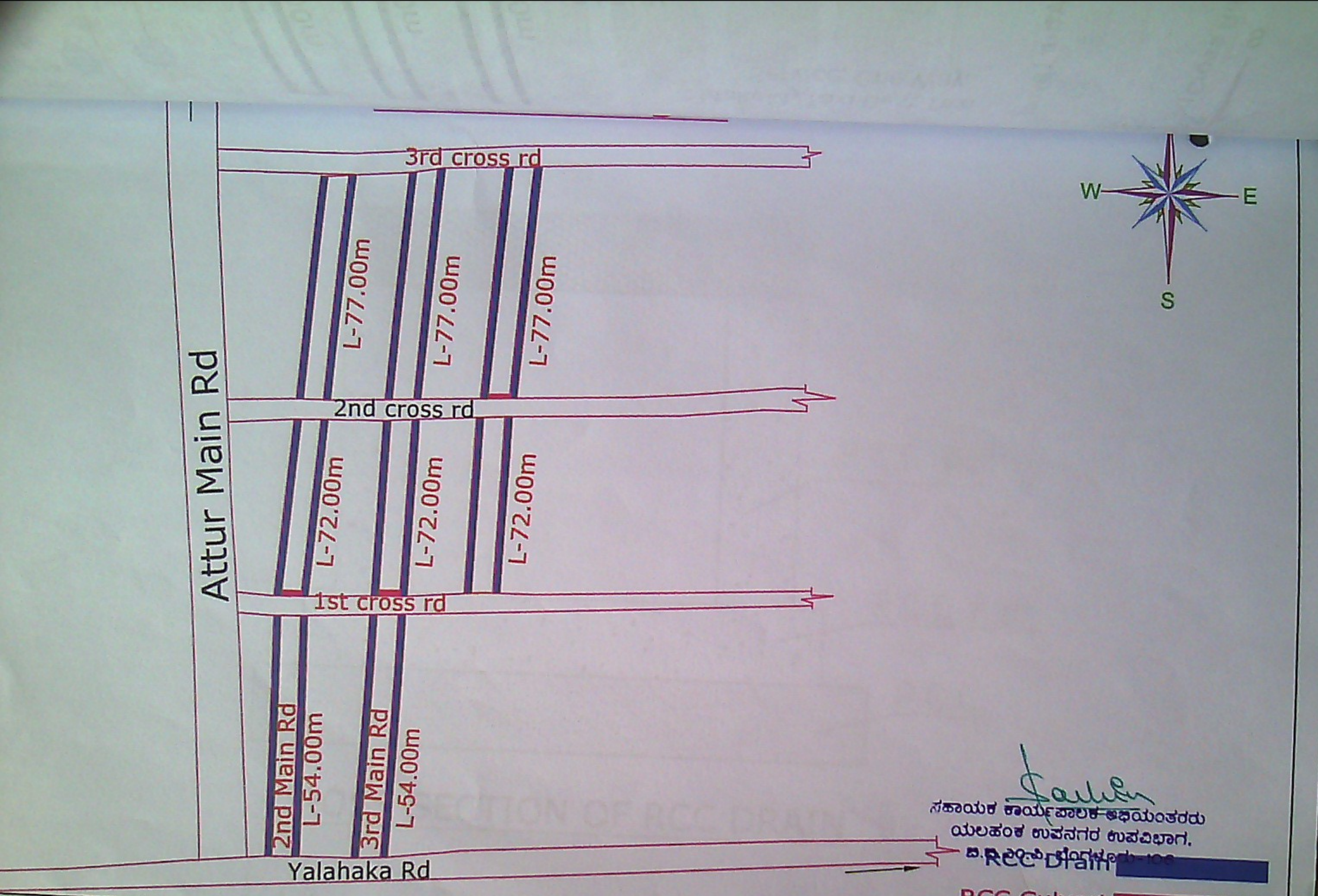
Dwg Title:
Improvements To Roads and Drains at Attur village and surrounding areas in ward no.03

Scale: N.T.S

Date

Dwg no:

Rev: R0



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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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